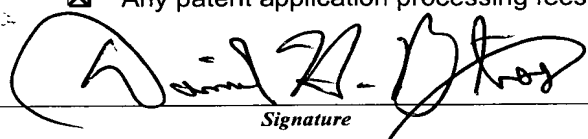
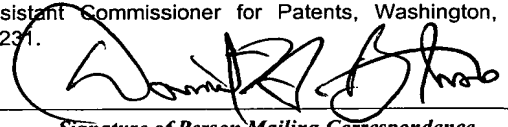


GP/2123

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------|
| <b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                     |                             | Docket No.<br>200-0664                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                        |                   |
| Applicant(s): J. G. Walacavage et al.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
| Serial No.<br>09/965,905                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Filing Date<br>September 28, 2001   | Examiner                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Group Art Unit<br>2123 |                   |
| Invention: <b>METHOD OF PART FLOW MODEL FOR PROGRAMMABLE LOGIC CONTROLLER LOGICAL VERIFICATION SYSTEM</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
| <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; transform: rotate(-45deg); transform-origin: center;">O I P E<br/>JAN 02 2002<br/>PATENT &amp; TRADEMARK OFFICE</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                     |                             | <b>RECEIVED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                             | JAN 07 2002<br>Technology Center 2100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                        |                   |
| <u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
| Transmitted herewith is an amendment in the above-identified application.<br>The fee has been calculated and is transmitted as shown below.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
| CLAIMS AS AMENDED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR | NUMBER EXTRA<br>CLAIMS PRESENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RATE                   | ADDITIONAL<br>FEE |
| TOTAL CLAIMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 21 -                                | 21 =                        | 0 x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$18.00                | \$0.00            |
| INDEP. CLAIMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 -                                 | 3 =                         | 0 x                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | \$84.00                | \$0.00            |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | \$0.00            |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        | \$0.00            |
| <div><input checked="" type="checkbox"/> No additional fee is required for amendment.<br/><input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____<br/>A duplicate copy of this sheet is enclosed.<br/><input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.<br/><input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <b>06-1510</b><br/>A duplicate copy of this sheet is enclosed.<br/><input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.<br/><input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.</div> |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
| <div style="text-align: center;"><br/>Signature</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                             | Dated: November 1, 2001                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                        |                   |
| Daniel H. Bliss (Reg. No. 32,398) [0693.00242]<br>Bliss McGlynn & Nolan, P.C.<br>2075 West Big Beaver Road, Suite 600<br>Troy, Michigan 48084<br>(248) 649-6090                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                             | <div style="border: 1px solid black; padding: 5px;"><div>I certify that this document and fee is being deposited on November 1, 2001 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</div><div style="text-align: center;"><br/>Signature of Person Mailing Correspondence</div><div style="text-align: center;">Daniel H. Bliss<br/>Typed or Printed Name of Person Mailing Correspondence</div></div> |                        |                   |
| CC:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                     |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                        |                   |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit: 2123

Examiner:

Applicant(s): J. G. Walacavage et al.

Serial No.: 09/965,905

Filing Date: September 28, 2001

For: METHOD OF PART FLOW MODEL FOR  
PROGRAMMABLE LOGIC CONTROLLER  
LOGICAL VERIFICATION SYSTEM



PRELIMINARY  
AMENDMENT

RECEIVED

JAN 07 2002

Technology Center 2100

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Prior to examination, please amend the above-identified patent application as follows:

IN THE SPECIFICATION:

Please replace the pending paragraph beginning on page 12, line 6 through page 13, line 2 with the following:

From block 108, the method advances to bubble 116 and moves the part from the fixture to block 118 and tests the part. The user 12 tests the logic by forcing a state in the control logic to test all exception logic. For example, the method tests for status as to whether the part is present or not present. After block 118, the method then ends. It should be appreciated that part locations have exit conditions that are interlocked. It should also be appreciated that a record exists with each part generated and that the individual resources can contribute information to the

CERTIFICATE OF MAILING: (37 C.F.R. 1.8) I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service with sufficient postage as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on November 1, 2001, by Daniel H. Bliss